



**CITY OF LODI
COUNCIL COMMUNICATION**

AGENDA TITLE: Approve specifications and authorize advertisement for bids for 384 watthour meters (EUD)

MEETING DATE: February 4, 2004

PREPARED BY: Electric Utility Director

RECOMMENDED ACTION: That the City Council approve the specifications and authorize advertisement for bids for the purchase of 384 solid-state watthour meters.

BACKGROUND INFORMATION: The Electric Utility Department's Meter Division has requested that 384 solid-state watthour meters be purchased to provide an inventory for installation of meters at new residential developments throughout the city, as well as for replacement of obsolete and deteriorated meters located during meter testing.

This bid consists of 192 meters with automatic meter reading (AMR) communications modules, and 192 meters without. AMR technology allows certain meters to be read remotely, and is particularly useful in hard-to-read locations, such as residential back yards with locked gates. A pilot program initiated in September, 2001 has worked well for both the customer and the meter reading staff. Therefore, the Department plans to install a group of AMR meters annually and, over time, eliminate the problems associated with hard-to-read meters. The non-AMR meters which are removed during the change-out will be cleaned and re-calibrated, and placed back into service at another location within the city.

Standard packaging for residential meters is 96 units per pallet. The order quantity of a total of 384 meters will result in a delivery of four full pallets.

FUNDING: Electric Utility Department 2003-2005 Financial Plan and Budget,
Revenue Metering, Business Unit 161656, Page E-41
Estimated Cost: \$21,000

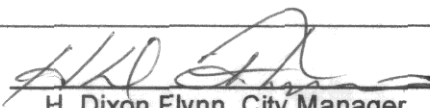
BID OPENING: February 18, 2004


Alan N Vallow, Electric Utility Director

Attachment: Specifications
Prepared by Joel Harris, Purchasing Officer

cc: Manager, EUD Engineering and Operations

APPROVED:


H. Dixon Flynn, City Manager

GENERAL

Meters shall be solid state devices with electronic registers that alternate between segment test and kWh consumption at a rate of approximately one change every six seconds. Display shall indicate "kWh" when this value is shown. All meters shall have a glass cover. A label marked "City of Lodi" and a sequential number shall be factory installed in addition to the following information: meter form number, class, voltage, wire, type, Hz, test amps, K_n, and ERT serial number if applicable.

Shipping boxes shall show on the outside the sequential number of the meter contained therein.

FORM

2S

STANDARDS

All meters shall conform to the following standards or latest revision thereof: American National Standards (ANSI) C12.1.

COMMUNICATION MODULE

AMR communication module shall be compatible with ITRON® standard consumption message protocol (no wake-up tone required) and shall be non-field programmable.

REQUIREMENT:

192 Watthour meters per specification with communication modules;
sequential number beginning with **38145**.

192 Watthour meters per specification **without** communication modules;
sequential number beginning with **38337**.